

AVIATION

The Oldest American Aeronautical Magazine

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The R33 as an aircraft carrier.

E. & S. Photo

VOLUME
XIX

SPECIAL FEATURES

THE BINGHAM BILL
THE MITCHELL TRIAL
REPORT OF THE LAMPERT COMMITTEE

NUMBER
26

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Vol. XIX

DECEMBER 28, 1925

No. 26

AVIATION

The Lampert Committee Report

BLACKETED, as was intended, by the President's Air-Board Board's Report, the recommendations of the Select Committee of the House of Representatives have not received the attention that they deserve. The Lampert committee made public at a time when other matters of great importance were in the papers, but comparatively small notice was taken of these very important recommendations.

Deferring at almost every vital point with the President's Board, the report gives evidence that the whole subject is an issue on which hardly any two people can agree, especially if political considerations are allowed to enter into the picture. If the entire suggestion of Senator Davis for the creation of a civilian board had not been adopted, and the public had only been given the Lampert Report, the effect would have been most embarrassing to the Administration. As it is, the public has been given the findings of the President's own board of distinguished men, and has been more confused than ever by conflict of ultra.

Many of the recommendations that were made far exceeded the hopes of the committee. They are bound to have careful consideration of the House. They will serve as a lead to the other report. Their adoption in as developed ought to be given to the members of this committee for their guidance and instruction.

The Trick Verdict

IT IS NOT too much to say that the verdict of the Court Martial at the trial of Col-General Mitchell was not based entirely on the evidence. It was so jarringly that the punishment would seem severe to what the Army wanted, namely, control of the fact's actions and wants, without looking into any. Any other kind of a verdict would not have amounted this as severely as the sentence of the court. It is, therefore, not too much to say that the verdict was based on a desire, rather than on the evidence.

The events of the last five years leading up to this conclusion can be quickly told. When General Mitchell returned from overseas, he was only given an office of a single room to perform such as had been established in Great Britain. He was also determined to receive a demobilization of all power against his power. His third purpose was to release to get a realization of all arms to the national defense. The efforts of Congress, leading to an independence of all arms, were the greatest, but also the longest. The ending of the German kaisers was a personal triumph as well as a convincing demonstration to the public of the possibility of strength. As to the reorganization of the military, need and air strength, the majority was unanimous, and it is not without reason to support this will more about credibly though a complete assumption of authority does not come at once.

When he started to write his fight, he was surprised by a very few airmen, while the opposition has been suspended

The people of the country, if they could vote on the question, would probably decide in favor of a single head for all national defense. They would also, it is possible, give the power of equal footing with the older services. Public opinion has been educated to the marshaled character of serial writers. So much so is this true, that the older airman is in a state of depression. No effort is too great to stop the trend of public opinion. And one of the outcomes has been the resulting verdict of the Army Court Martial.

Photographs regarding the future are not worth making. The resolution has been had. The names are defined and the country has its opinion. Disputes or any evidence of defeat at this time is entirely out of line with the evidence of popular support as every hand. Instead of the verdict setting anything, it has only served to make the conflict more desperate. A verdict of acquittal was not to be expected, a decision would have been dangerous, the trial verdict let the members of the court act with an organized decision, the remaining evidence will have to check the real blame. The writer will witness the next scene. If it evades as many trials as were decided during the period when Langley was in the air, it will be set aside completely.

The Limit of Capacity in Airliners

THE DEVELOPMENT of air passenger transportation is about to place another problem of surface design upon the shoulders of aeronautical engineers. Just as freight cars for the railroads are designed and constructed totally different from the methods adopted in the production of passenger cars, so it would seem that the design of airplanes for passenger carrying, involves entirely different questions from those presented themselves as regard to air freight carriers or mail carriers. In most cases, however, the question of volume of traffic to be handled, will be all we are concerned with.

The problem of the most economical carrying capacity of an airplane will grow an extremely important one from the economic point of view. This point is emphasized in the recent acquisition by Europe of a twenty-one passenger airplane, to be put into service on the London-Paris and London-Australia, etc., air routes. It has been shown, in statistics of the operation of these cross-continental services, that the average passenger load is of the order of three or possibly four passengers.

The question arises, then, as to the exact value of large passenger planes to an air transportation company. A plane having a capacity of twenty-one passengers, it would seem, would render its operation on the cross-channel route profitable from the economic standpoint. While there is a possibility that the volume of traffic might warrant such a plane during one or two months in the year when passenger traffic is high, whether the uptake of such planes the whole year round is a financially sound policy is doubtful.

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the Lester Board, which thoroughly investigated the status of our Air Service and considered requirements for its development.

This board found:

After an exhaustive study of the situation the committee accepts that an element of security in the Air Service exists, due to shortages of flying personnel and equipment, which, if allowed to continue, will very soon cause the important interests to realize that a modified situation will make it to be negligible as being any national defense.

The committee believes the Lester Board report constitutes a fair basis for the present of our administrative methods and that its findings as to the condition of war service are substantially true to day.

The Army and Navy are unable to agree in proposing legislation to improve the alarming condition found by the Lester Board, and therefore no substantial changes in legislation or administrative practices have been introduced up to this time.

This subject is fully discussed in Appendix C.

Importance of Aircraft

Aircraft will be the first resort of our country in case of a war emergency. It is one of the most essential areas of our military defense. Every new development of the modern airplane increases its relative importance.

It has been an element of stability in military operations that compels a review of all military plans of preparedness.

It has lowered the relative importance of the battleship, but has not eliminated the necessity of it. The airplane becomes the necessary auxiliary and defender of the battleship. The endurance and longevity with which we have compared the growing and future importance are basic reasons for the need of aircraft.

The position of the relative standing of the United States in air power among the nations of the world is largely a matter of opinion. It is clear, however, that the standing in the United States is not higher than third nor lower than fifth in the air power of the world.

The importance of aircraft is further discussed in Appendix D.

Air Service Policies

The committee feels:

(1) That there is no uniformity of Army and Navy policy as to compensation, equipment, creation of personnel, promotion, and other administrative details. That there is a lack of policy with respect to design and production of aircraft and engines in either the Army or the Navy, that the attempt to coordinate the activities of the Army and Navy by the use of joint boards, the National Advisory Committee on Aeronautics, and other agencies have been sporadic and occasional and therefore have not enhanced the results desired; that there is a distinct conflict of opinion between the Army and Navy as to the relative importance of defense; that there is a lack of agreement of opinion between the Army and Navy as to the effectiveness of aircraft operating against surface vessels, that there is an equally wide divergence of opinion as to the value of surface craft operating against aircraft; that there is a certain amount of unnecessary duplication in the expenditures of both Army and Navy by the Army and Navy seeking to accomplish similar results as reduced research, as construction, and as administration of aircraft development, is hindrance, rather than a field of interest.

(2) That the Navy system of promotion and pay decreases rapidly in proportion to pay high command and does not recognize that the aviation service is very more hazardous than the marching keelsons of the service; that this result is lowering the morale of the members in the Navy and is a handicap which can be should be removed.

(3) That dissatisfaction exists in respect to the pay and promotion of Army airmen, which has been one of the outstanding factors in a spirit of discontent, which appears from testimony to be general throughout the Army Air Service.

(4) That the air defense of the country has created new and very involved problems of administration. The difficulty of solving these administrative problems has been materially

increased by reason of the fact that neither in the General Staff of the Army nor in the General Board of the Navy has there been sufficient representation of officers experienced in aviation matters and who have advised the full and complete use and development of Army and Navy aviation for the defense of the country.

(5) That a great many measures have been advanced in the Air and Navy Board to cure the conditions arising out of the lack of a system of administration in the new art of war for the principal of which are as follows:

(a) A unified air force operating independent of the Army and Navy and sending nests to these services as needed.

(b) A separate air force operating individually, the Army and the Navy at the same time retaining all the units required for Army and Navy bases.

(c) Aviation corps in both Army and Navy.

(d) A chief controller of the service spouse by the association of commandants of air in the War, Navy, and Commerce Departments.

(e) A department of national defense under one civilian secretary.

(f) The building up of a great air power through the establishment of many branches of Army and Navy.

The Aviation Industry

The committee feels unanimity of opinion from all sources—military, naval, commercial and industrial—that the aviation industry is an essential part of national defense and must be maintained. The committee feels as follows:

(1) That the aviation industry in the United States has developed and is developing, and that the principal cause of the weakness of the industry are as follows:

(a) Lack of necessary Government contracts, both experimental and production.

(b) Insufficient competition by Government plants.

(c) Failure to recognize and protect design rights.

(d) Encroachment of enterprises and individual efforts at the cost of more than 200 organizations of various sorts in a period of 8 years.

(e) Lack of coordination and mutual understanding among contractors themselves.

(f) Failure of the industry to develop commercial and export trade.

The power of the airplane industry to serve the country in case of emergency has greatly decreased since the peak of its production during the war period.

This subject is more fully discussed in Appendix E.

Commercial Aviation

The committee feels:

(1) That in respect to the operation of airplanes for profit the United States is not behind in the use of planes for aviation.

(2) That other nations, even so largely because of colonial control, maintain a large reserve for war.

(3) That commercial aviation has become of the relevant size of operating as a profit-making basis. That its development is further handicapped by the lack of congressional legislation for its regulation and encouragement, the housing of pilots, the inspection of airplanes, and the general regulation of interests flying.

(4) That the commercial aircraft facilities, particularly airports, are increasing in favor.

(5) That the United States has failed to unify the International Air Convention.

(6) The committee feels that there are about 18,000 gasoline-airplane motors. These motors placed on the air at moderate prices might encourage commercial aviation.

(7) We find ourselves in which the departments failing to coordinate help for new designs of airplanes have allowed considerable time in which industry could properly prepare and develop new designs. This matter is further discussed in Appendix E.

There are many instances in which it is necessary or desirable that the Government acquire the use or ownership of

aircraft for research or other purposes. The Government is frequently charged with the infringement of patent rights by citizens. The Government may acquire a patent on the 24th of December by purchase or by appropriation. The methods of acquiring property are to be purchased and the appropriation do not appear satisfactory either from the standpoint of the Government or the patentee. If the Government infringes or appropriates a patent, the only recourse of its owner is to prosecute a suit in the Court of Claims. The expense and delay of such a proceeding frequently amounts to a substantial denial of the rights of the patentee. This situation calls for remedial legislation.

Department of National Defense

One military organization is satisfactorily designed for use—namely, the national defense. The Army and Navy are other very important organizations with which the Government may deal and similar functions. They are designed for action in case of war. They are less burdensome to maintain and more efficient than these organizations, their training, their preparation, and the performances of these duties are coordinated, harmonized, and centralized.

A single department of national defense through its unity of command would harmonize our national defense system, reduce expenditures for supplies, and prevent duplication of equipment and personnel. It would also provide a more uniform and rounded system of pay, promotion, and retirement. It should decentralize the ownership of aircraft and decrease the number of organizations and bureaus within the departments. It should possess the advantage of effect in peace and war. It should work for economy, efficiency, and strength in our national defense.

It would train and harmonize our military organizations in peace time, for that organization that is essential in war.

Recommendations

The committee recommends:

1. That the Federal Government now competing with the other aircraft industry in the construction of aircraft, especially in the field of commercial aviation.

2. That the nation be provided whereby the owner who violates rights of his patents by the Government may apply for relief other than by resort to the Court of Claims.

3. That procurement be separated from operation in all Government air services.

4. That one single governmental air agency be given sole charge of procurement of aircraft, engines, and equipment, to the most efficient agency, and that the Department of War and the Department of the Navy be given the responsibility of procurement, and a minimum and definite policy established leading to the strengthening of the sources of supply, the maintenance of the factory, the promotion of the overall production capacity of the Nation, and the establishment of a sound policy of Government procurement.

5. Congress should at once pass a law permitting the procurement of aircraft engines and associated instruments and accessories without requiring competitive bidding, under reasonable bid, and will provide the best interests of the Government.

6. That Congress authorizes the power to design aircraft and engines rights to design of aircraft, engines, and accessories.

7. That the industry be assisted in the procurement of non-commercial supplies, either through the Government as debts or procurement contracts, or the grouping of purchases within the industry.

8. That the Air Service Departments of the Government make greater use of the services of the Bureau of Standards for research and technical work and correspondingly reduce their own activities.

9. That Congress provide by law for the regulation and management of commercial flying through a bureau of air navigation in the Department of Commerce. Powers should be made for the clearing of airways, for emergency fields, aircraft facilities, night flying, and a specialized weather

service. That so far as practicable such developments should be made by essential engineering service.

10. That the Air Service Department and the Bureau be made available for aviation assistance, as far as possible.

11. That Congress be asked to appropriate as much as possible for research purposes for postal and civilian use.

12. That a greater number of men be trained as aviators and that more adequate equipment and facilities be provided for our civilian flyers.

13. That radio stations be given not less than four hours' transmission time a day, three hours of which may be used for Army Air Service stations for national training for a period of not less than two weeks each year.

14. That additional compensation money to secure an adequate number of competent aviators to maintain airships in efficient operation be provided, that such aviators should be relieved of routine military duties.

15. That Congress provide measures for the qualifications and experience required by the aviation officers of the Army and Navy.

16. That Congress determine immediately and settle by legislation the respective fields of operation of the Army and the Navy.

17. That the War and Navy Departments should survey, condemn, and enforce all obsolete and unsafe airships.

18. That the War Department release for general use one or at least two-thirds of the man-made Liberty aircraft now in existence.

19. That not less than \$10,000,000 should be spent annually by the War Department and like sum by the Navy Department for the procurement of new flying equipment, constituted by the civilian industry. The orders should be based on a continuing program.

20. That there be established a separate and independent budget for the use of the air service, the allocation of the appropriations to be determined by the War and Navy Departments.

21. That a five year program of construction, education, training, appropriation, and commercial encouragement should be founded and carried out.

22. That the Air Services of both the Army and the Navy should at once be adequately represented on the General Staff of the Army and the General Board of the Navy by members who will freely support the full and complete use of Army and Navy aviation for the defense of the country.

23. That these two organizations be merged in a department of national defense, headed by a civilian secretary, specially charged with the coordination of the defense of the country.

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The DeHavilland biplane which was used in the experiments on flying and landing airplanes to and from airships in flight. The experiments were carried out at Farnham, England, with the rigid airship R38, and were successful but for the loss of the airship's propeller after much of the gliding action had been tested.

The Caldwell Smuggler

By CY CALDWELL

Q UITE a new departure has been made in the scenes of aviation, by the production of the "Smuggler" by the Caldwell Airplane and Baby Buggy Co. of Cleveland.

Organized recently with an authorized capital of \$100,000, the firm which has already sold 100 of the planes, is now engaged in the manufacture of baby buggies. Mr. Caldwell feels that anyone single enough to purchase a lot of planes, is also sure to have to get a baby buggy sooner or later—in all probability sooner. The practice of combining some other product with airplanes, has remained constant by many well-known manufacturers, who are bringing out truck bodies, radio receivers and so forth, with great gusto. Unless of course, are kept in the factories for that purpose.

The Engine Smasher

The "Smuggler," the first plane produced by the company, fills the enormous demand for a plane of this type, which undoubtedly will become popular with the best night-flying anti-Volsteadians pilots in the country.



The Caldwell "Smuggler" being loaded for flight

mechanical capital. It may be, or not, according to needs of the operator. Exhaustive experiments have proved that the tank will carry the same amount of gasoline as standard, as of gasoline. What this means in the hills is not said, the plane is guaranteed to fly the rest of the trip on the proportion of gas consumed.

For those sheet, eight headlogies are greatly desired by our most up-to-date, balloon tires are standard equipment, furnished by Balsacrosses Ltd., Akron. The tailskid is made of solid rubber, so that even the trace of its passage is completely erased.

When used on floats, as a seaplane, the equipment includes, an outboard motor, the Caldwell Patent Anchor, made of the heaviest substance known to man—a volume of the Congress of the United States of America, and a well-stocked first-aid kit. Length of this float will suit it. It is designed for an 80-hp. gasoline engine, safely upon its weight, for it cannot sufficient power to sink in the water.

The photograph shows the "Smuggler" being loaded at an obscure ridge in Canada, for an experimental flight to Cleveland. Note the deceptively slender landing gear. They have been in commercial aviation for years—which is why they lack no dents.

Test flights have been conducted by Cy Caldwell, president of the new company, directly above the building that houses the enforcement offices of the Canadian government. After a series of test flights, including from the bottoms of upper stories of which they were making runs required tests. When informed that an airplane had passed directly overhead, they reacted panicky with apprehension or something.

The "Smuggler" is, indeed, an astounding plane. It is as quiet as a wading emperor, leaping up and down upon a patch soft, as he himself.

Specifications

The specifications of the plane are:

Span	20 ft.	No. seats	1
Length	11 ft. 6 in.	Length less	10 ft. 6 in.
Height	4 ft. 6 in.	Length with prop.	11 ft. 6 in.
Weight fully loaded	450 lbs.	Length with prop. and gear	12 ft. 2 in.
Empty weight	300 lbs.	Width	5 ft. 6 in.
Length of prop.	6 ft. 6 in.	Height	4 ft. 6 in.

N. Y. "Commercial" Presents Series on Aircraft Industry

To give the business man and the investor a better understanding of the commercial importance of the aircraft industry and its transportation, it is the purpose of a series of articles which will begin in the New York Commercial January 7 and appear daily for three weeks.

The articles are by Richard E. Byrd, former war pilot, now in the service of the U. S. Board of Trade and Commerce, New York, and writer on aeronautical subjects. In his introduction Mr. Byrd says:

"In this series of articles I will endeavor to bring out the present aircraft situation. In such a manner that the average business man will be able to grasp readily the actual size and strength of the industry. It cannot not be taken for granted that a week-long grouch will spring up over night—there are many rough spots to be smoothed over—but the progress of commercial air transportation is inevitable."

The articles are informative and controversial subjects are avoided. If the present series of articles in four parts, the New York Commercial, the oldest business publication in the United States, is to succeed in making the importance of aviation and making the industry better known to an extremely important group of business readers.

A Two Purpose Fuel Tank

But the great engineering triumph is the gas truck. Despite the filter cover, and under the top, as a long tube filled with gasoline so that a seaplane, finding this tank full of gasoline, will imagine the whole tank is filled with the same in-

AIRPORTS AND AIRWAYS

New England News

By Peter Adams

On Saturday, November 23, Least R. Curtis Moffat, Air service, and 1st Commanding Officer of the Boston Airport, was married at Portland, Me., to Miss Gertrude McHedra, the pretense of a small group of relatives and friends. The wedding was followed by a luncheon at the Lafayette Hotel and evening there, in addition to the friends, were Leo Crosson and Major Frank of the Boston Airport. Crosson is a 1910 Harvard and 1911 Boston graduate, while the Hotel and returned to Boston for the Harvard-Yale game. Lt. and Mrs. Moffat have gone to Florida for a few weeks and will return to McCook Field, Dayton, Ohio, about the first of February, where Lt. Moffat is stationed.

Another wedding of commercial interest was that on Thanksgiving Day when Miss Mary Foster became the bride of David Rockwell, Aviation Editor of the Boston Transcript. A short wedding trip the Rockwells will be at home in Cambridge, Mass.

On Friday evening December 4, the Boston Chapter of the National Aeronautic Association, will hold a dinner at the Hotel Soverin with the New England section of the N.A.A. at which time Mr. G. G. Peterson, President of the Wright Flying Corporation, was guest of honor and principal speaker. Mr. Peterson chose as his subject "Profitable Aviation," and cited actual examples from his personal knowledge of how aeroplanes were being used to save money for the owners and operators. At this meeting the question

was broached of bringing the next Schneider Cup Race to Boston and President Wherry, President of the Boston Chapter, and President of the Boston Yacht Club, suggested that the Boston Airport Corporation, T. G. Holcombe, formerly Secretary of the Aviation Committee of the Boston Chamber of Commerce, and Lester C. Tamm, Executive Secretary of the Naval Board of Trade, be summoned to investigate the matter and make a further report. This Committee had raised more than \$1000 from among those present at the luncheon of the fleet to obtain the Schneider Cup Race.

It was further announced that the Boston Chapter of the National Aeronautic Association is going to hold joint monthly luncheons with the Aero Club of New England to which all persons interested in aviation are cordially invited. These meetings will be held on the first full luncheon day by calling President P. W. Wren, at University 2886, or by writing him at the Massachusetts Institute of Technology, Cambridge, Mass.

Crispy Field, Cal.

By P. Eads

The re-opening of Crispy Field is going on rapidly. The field is being regraded and resurfaced in all parts. The work is still in progress and all pilots should look carefully before landing.

A squadron of four Jenny's arrived and departed in a

The Alexander Eaglerock

is a small aircraft division of Chicago aircraft works on site of well known city

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The Business Aspects of Commercial Aviation

A VALUABLE COMMERCIAL AIRCRAFT SURVEY

Has been made by Richard E. Byrd well known aviator and pilot, in a series of articles appearing in the New York Commercial beginning January 1, 1926.

A complete analysis will be made of:

- (1) Aircraft Manufacturing Companies
- (2) Aircraft Engine and Accessory Manufacturers
- (3) Air Transport and Operating Companies
- (4) "Lighter-than-Air" Airship Manufacturers

These articles will be of vital importance to every commercial and industrial organization, particularly members of Congress, Aero Clubs, aircraft manufacturing and operating companies, aeronautical engineers and inventors.

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much our hands). They were bound for the northern states. Among the visitors to San Francisco by air recently, was Mr. Blaauw, famous pilot "Kinnickinnic." The local club also sent two or several native pottery items, notably "The Art Mail" and Raymond Goffe's "He's a Pinner."

A Le Rhône "Tommie" has been doing advertising over the Pacific Coast. The Verville company recently took delivery of a new engine to add to this fleet. Mr. Verville's plane for his Elco-Promo Mail route are going forward rapidly.



A meeting event for enthusiasts for aviation presents going or credit.

The Chechen Amalgam of the Verville Air Service are enroute north at the field. A passenger may call the Charter Co. Office, who will send a cab to take him to Crissy Field, in the meantime a New Bedford is enroute up from the Verville Field at San Mateo to convey the passenger to any point on

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the city recently. The pilot had to do a general loop to avoid some piles of grading dirt upon landing. He tore the fabric of one wing slightly.

The Tidley Transport, which is going to New Orleans with the Starling expedition, was a center of interest at the field

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while being given a final overhail before being shipped.

The reserves have a fine organization here. They are soon flying over the city occasionally, especially on Sundays and Sundays.

They have lately completed several long formation flights.

Pearie, Ill., Airport

For the past seven years Peoria has had an airport. Previous to that time the sole track was used for such flying as was done. The sole track was found inadequate, as it is not at sufficient use, is surrounded by obstacles, with poor emergency fields, and the ground is rough.

With this in mind, the Peoria Aircraft Club was organized with Eugene Brown as its first president. Subscriptions were taken up, a field leased, and longer built largely through the assistance given by the club by Mr. Brown. The Verville Aircraft Co. was the first operating company to take advantage of the new field, returning as soon as the field was



The Verville Transport being used by the Starling Expedition to Dutch New Guinea. The plane left Valley Chaffeewood Field on Oct. 22

opened. The first few years the field was leased by the Aircraft Club, and sub-leased to the Verville Aeroplane Co. Then the club gradually passed out, whereupon the Verville Aeroplane Co. leased the field itself.

The original field was of trapezoidal shape, with the narrowest end at the top end of the south. The end was 1200 ft. wide, and the wide end at the south was 1520 ft. wide, while it was 1600 ft. long. This field was used as the airbase at any time better, but was not satisfactory, as on some days when the wind was from an unfavorable quarter, relatively speaking,

In the summer of 1924 25 acres were added to the field at the North end, making the wide end of the trapezoid 1500 ft., and the field 3600 ft. long.

Then at the beginning of the 1925 season the owners of the field asked a higher rent, so that it seemed that the field might have to be given up. However, at this point the association stepped in, and, after 25 days of negotiations, with the Verville Aeroplane Co., and, on the other hand, private Verville Aeroplane Co., the exclusive local radio, and telephone, the field was given to all visiting flyers, army flyers, and flyers, etc., free of charge.

Now the Association of Commerce believes that Aviation has a future to justify a sensible municipal field, is taking steps to acquire what is believed will be the best commercial field in the State of Illinois. Just how this will be worked out is not at present definitely known, but it seems quite possible that Peoria may have a permanent flying field of which can be proud in the near future.

The new field is just the size, moreover, with no obstacles, and good drainage. It is one and one-half miles farther from the Post Office than from their St. Louis

Robertson Aircraft Co. Prospect

The three Robertson brothers, William, Frank and Daniels, are well known in aviation circles in the middle west. The following extract from a letter received from their St. Louis

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Crissy Flyers Tow Targets

Four pilots from the 91st Observation Squadron at Crissy Field, Friends of San Francisco, Calif., First Lieut. Wm. R. Smiley, Major Parsons, First Lieut. Carl B. Under and Tech. Sgt. Charles T. Foster, have been working with the 18th Coast Artillery, testing a shock sleeve target at various altitudes from 4,000 to 8,000 ft. for the anti-Aircraft Battalion to fire at. They also performed night flying for smoke-light practice. Incidentally, the corporation was at Santa Cruz, Calif., from 8:00 ft. field for both day and night flying. Try a night landing in a 300 ft. field some dark Thursday night.

Airy Air Orders

First Lt. Edward F. Aldens, A.S., appointed Adj. Com. A.S. Eng. Bks. McClellan Field.

Very Capt. Oliver B. French, A.S., relieved as Adj. Com. A.S. Eng. Bks. McClellan Field.

Following orders A.S. relieved from Capt. A.S. Eng. Bks. Brooks Field, and ordered to report to Com. Gen. Sta. Da. for duty. See Lieut. Walter W. Major, Joshua M. Smith, Thomas J. Murphy, and Capt. W. H. Clegg.

See Lt. Colonel L. Moultrie, A.S., Salt Lake Field, to New York City, ordering Pek. 25, 1926, via Com. Trans. for Hawaiian Dept.

See Lt. Lewis A. Ringier, A.S., transferred to 1st, First San Joaquin.

See Lt. Colonel E. L. Moultrie, A.S., Fort Sam Houston, transferred to First Cir. Div., Fort Bliss.

See Lt. Colonel W. H. French, A.S., First Sam Houston, transferred to First Cir. Div., Fort Bliss.

First Lt. Walter T. Myers, A.S., Kelly Field, relieved from present assignment and duty and will report to Com. A.S. Adj. Pts. A.S., Kelly Field.

See Lt. Colonel L. Moultrie, A.S., McClellan Field, relieved from present assignment and duty and will report to Com. A.S. Adj. Pts. A.S., Kelly Field.

See Lt. Colonel L. Moultrie, A.S., McClellan Field, relieved from present assignment and duty and will report to Com. A.S. Adj. Pts. A.S., Kelly Field.

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